

ROXBURY TOWNSHIP PRIVATE SCHOOLS
Landfill Gas Assessment

INDOOR AIR SAMPLING RESULTS
11/12/13 to 11/15/13

SCHOOL	SAMPLE DATE	SAMPLE LOCATION	HYDROGEN SULFIDE (H ₂ S)	SULFUR DIOXIDE (SO ₂)
American Christian E.S.	11/13/13	Lower School Building - Classroom 5	N.D.	N.D.
		Lower School Building - Classroom 2	N.D.	N.D.
		Upper School House - Middle Classroom	N.D.	N.D.
		Ambient	N.D.	N.D.
Morris County Educare and Enrichment Center	11/14/13	Entrance Foyer	N.D.	N.D.
		"Twoddler" Room	N.D.	N.D.
		Room 7	N.D.	N.D.
		Ambient	N.D.	N.D.
St. Therese E.S.	11/15/13	Main Building 1 st Grade Classroom	N.D.	N.D.
		Main Building 3 rd Grade Classroom	N.D.	N.D.
		Learning Center Building Pre-K Classroom	N.D.	N.D.
		Ambient	N.D.	N.D.

N.D. = Non-detectable

All results are in parts per billion (ppb)

Results are rounded to the nearest whole number

Sample Date is the date on which the 24-hour sample was completed

In conjunction with the 24-hour canister sampling, the Department of Health (DOH) is utilizing Jerome J605 portable handheld meters for detecting hydrogen sulfide (H₂S) gas. The H₂S readings are being taken each time the 24-hour canisters are placed and again when the canisters are collected. The H₂S readings are being taken in each room where a canister is placed and in hallways and corridors in the vicinity of these rooms, as well as outside the building. During this week of sampling there were two detectable levels of H₂S measured. On November 13th and 14th, detectable levels of H₂S were measured in Classroom #4 in the Morris County Educare Center. On November 13th, H₂S was measured at 3.4 and 3.5 ppb. Although an odor was noted at the time the readings were taken, it appeared to be related to a child diaper/changing area located in the room. On November 14th, H₂S was measured at 3.5 ppb. No odor was noted at the time the readings were taken. No other detectable levels were measured in any other inside areas or in the ambient air at the Morris County Educare Center on either day. There were no complaints of H₂S odors by the school staff on either day. No other detectable levels of H₂S were measured inside or outside any of the other private schools that are being monitored.